WAP3 Rec'd PCT/PTO 24 FEB 2006

CASE 4-22780/A/PCT

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Polores De Carmin e
Type or print name

Signature

2/21/06

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF

Group Art Unit: 1751

ANTOINE CLÉMENT ET AL

Examiner:

INTERNATIONAL APPLICATION NO. PCT/EP 03/12282

FILED: November 4, 2003

FOR: PHTHALIMIDYL-AZO DYES, PROCESS

FOR THEIR PREPARATION AND THEIR

USE

U.S. APPLICATION NO: 10/533,010 35 USC 371 DATE: APRIL 28, 2005

Mail Stop: PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

LETTER TO CORRECT FILING RECEIPT

Sir:

Applicants have now received the filing receipt in the above-identified application. However, in viewing the paper, Applicants noted that the **Applicant(s)** information was incorrect. The city where the third inventor resides was incorrect. Enclosed is the title page of the International Publication WO 2004/044058, which shows this to be true. Please issue a corrected filing receipt having this area read:

-- Applicant(s) Antoine Clement, Basel, SWITZERLAND; Alfons Arquint, Basel, SWITZERLAND;

Urs Lauk, **Zurich**, SWITZERLAND;

Enclosed is a copy of the filing receipt with the correction noted.

Respectfully submitted,

Kevin T. Mansfield

Agent for Applicants

Reg. No. 31,635

Ciba Specialty Chemicals Corporation Patent Department 540 White Plains Road P.O. Box 2005 Tarrytown, NY 10591-9005 (914) 785-2783

KTM/dd

Encl.: copy of filing receipt and title page of WO 2004/044058

Date: FEB 2 1 2006



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS PO. Dox 1450 Alexandria, Virginia 22313-1450

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/533,010	04/28/2005	1751	900	4-22780/A/PCT		13	1

CONFIRMATION NO. 1689

CIBA SPECIALTY CHEMICALS CORPORATION PATENT DEPARTMENT 540 WHITE PLAINS RD P O BOX 2005 TARRYTOWN, NY 10591-9005

RECEIVED FILING RECEIPT Andrea DeCeca *OC000000017925353*

FFR 1 4 2006

Docket Coordinator

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Antoine Clement, Basel, SWITZERLAND; Alfons Arquint, Basel, SWITZERLAND; Urs Lauk, Basel, SWITZERLAND: Zurich

Power of Attorney: The patent practitioners associated with Customer Number 324.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/EP03/12282 11/04/2003

Foreign Applications

EUROPEAN PATENT OFFICE (EPO) 02405967.7 11/11/2002

Projected Publication Date: To Be Determined - pending completion of Security Review

Non-Publication Request: No

Early Publication Request: No

Title

4-22780/A/PCT

Phthalimidyl-azo dyes, process for their preparation and their use

Preliminary Class

800

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR

1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



I BOUR RUNEBI N OORDE WER DENN OERN OERN EIST HA IN BOUR BURD BOUR OFFI OMER EIST WEGEN DE ALDER EIST WER EIST

(43) International Publication Date 27 May 2004 (27.05.2004)

PCT

(10) International Publication Number WO 2004/044058 A1

- (51) International Patent Classification?: C09B 29/036, 67/22, 29/09, 43/42
- (21) International Application Number:

PCT/EP2003/012282

(22) International Filing Date:

4 November 2003 (04.11.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

Liigiis

- 02405967.7 11 November 2002 (11.11.2002) EP
- (71) Applicant (for all designated States except US): CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): CLEMENT, Antoine [CH/CH]; Laufenburgerstrasse 2/5, CH-4058 Basel (CH). ARQUINT, Alfons [CH/CH]; Im Rankhof 6, CH-4058 Basel (CH). LAUK, Urs [CH/CH]; Alfred-Strebelweg 15, CH-8047 Zürich (CH).
- (74) Common Representative: CIBA SPECIALTY CHEMI-CALS HOLDING INC.; Patentableilung, Klybeckstrasse 141, CH-4057 Basel (CH).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PHTHALIMIDYL-AZO DYES, PROCESS FOR THEIR PREPARATION AND THEIR USE

$$R_4 - N$$

$$CN$$

$$R_3$$

$$R_2$$

$$(I)$$

(57) Abstract: present invention relates to dyes of formula (I) wherein R₁, 2-methoxyethyl, 2-ethoxyethyl 2-(2-ethoxyethoxy)ethyl, R₂ is C₁,-C₆alkyl which unsubstituted or substituted by one or more hydroxy groups, halogen atoms, C₁,-C₄alkoxy

 C_2 - C_8 alkoxyalkoxy groups, C_1 ,- C_4 alkyl-COO- groups or C_1 ,- C_4 alkyl-OCO- groups, R_3 is methyl, hydroxy, halogen, -NH- SO_2 - R_5 or -NH-CO- R_6 , wherein R_5 is methyl or ethyl and R_6 is methyl, ethyl, methoxymethyl or 2-methoxyethyl, and R_4 is ethyl or n-propyl, and also to a process for their preparation and to their use in the dyeing or printing of semi-synthetic and, especially, synthetic hydrophobic fibre materials, more especially textile materials.

